

## **Computer-aided training of engineers: Challenges and solutions**

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### **Abstract**

Copyright © 2016 by SCITEPRESS - Science and Technology Publications, Lda. All rights reserved. The paper discusses the advantages of computer technologies and augmented virtual reality in training of engineers, including the main areas of application and influence on the quality of education, and attaches an example of training of engineers for the automobile industry. It is shown that using of systemic approach to the educational process allows to improve the tuition quality of specialists for hi-tech industries. Such engineers can easily adapt in business both due to acquired fundamental knowledge and skills.

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### **Keywords**

Augmented reality, Automotive industry, Computer technology, Engineering education, Virtual reality